

# Third Host Nation CAS Conference

13-16 June 2000

Bernau-Feldon, Germany



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# Overview

- Organization of GE GQA Service
- Principles of GQA/RGQA
- New Acquisition Approach
- Federal Armed Forces Reform Initiatives
- Contractor Assessment (Conception)
- RGQA (Statistics)
- Internal QM (Outlook)

# GE GQAA-Organization



MoD

1. Location in Bonn
2. Location in Berlin



BWB President

AT Division

AT IV Subdivision

GQA Service

Location in Koblenz



Local GQA Offices

## Sub-Division AT IV Quality Assurance and Government Quality Assurance

Tel. 1617

### Section AT IV 1

Policy, Fundamentals and General  
Procedures for QA and GQA  
User Service DV-GP

Tel. 16 09

### Section AT IV 3

QA and GQA of Electronical, Optical and  
Acoustical Systems, C3 and Communication  
Systems, Petroleum/Oil/Lubricant and General  
Equipment,  
Rescue and Safety Devices

Tel. 16 52

### Section AT IV 2

QA and GQA of Vehicles/Automotive  
Equipment, Ships/Naval Equipment and  
Underwater Weapons

Tel. 16 65

### Section AT IV 4

QA and GQA of Aircraft and  
Aeronautical Equipment

Tel. 1666

### 35 Local GQA Offices

-task-oriented allocated to  
AT IV 2, AT IV 3, AT IV 4, AT IV 5-

- 33 GQA Offices in Germany  
(7 with additional administr. Tasks)
- 2 GQA Offices abroad (UK, FR)

### Section AT IV 5

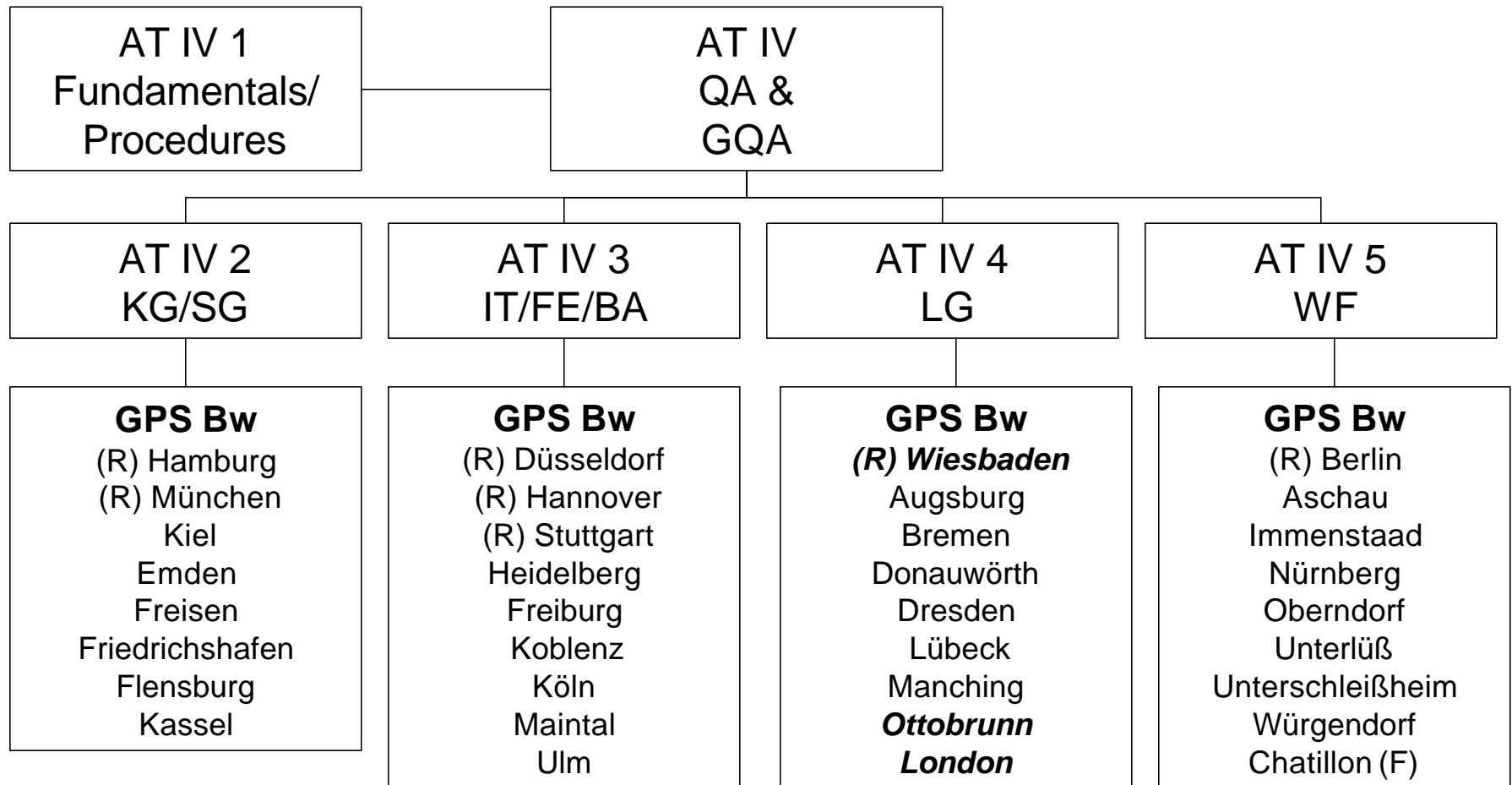
QA and GQA of Weapons and Missiles

Tel. 13 97



Stand: Januar 2000

# Allocation of Local GQA Offices to AT IV-Sections Date: 16.02.00



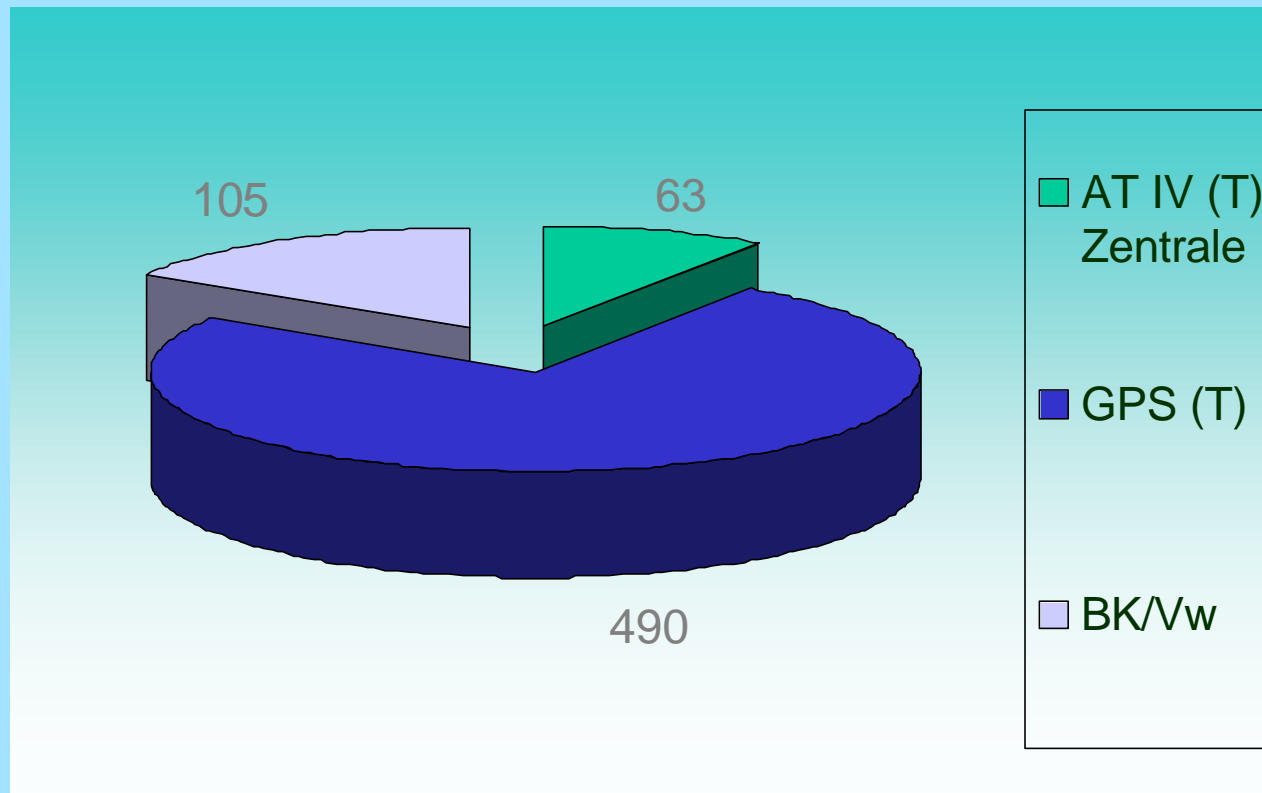
# AT/AT IV

## GE GQAA of the GE Federal Armed Forces

### AT IV total:

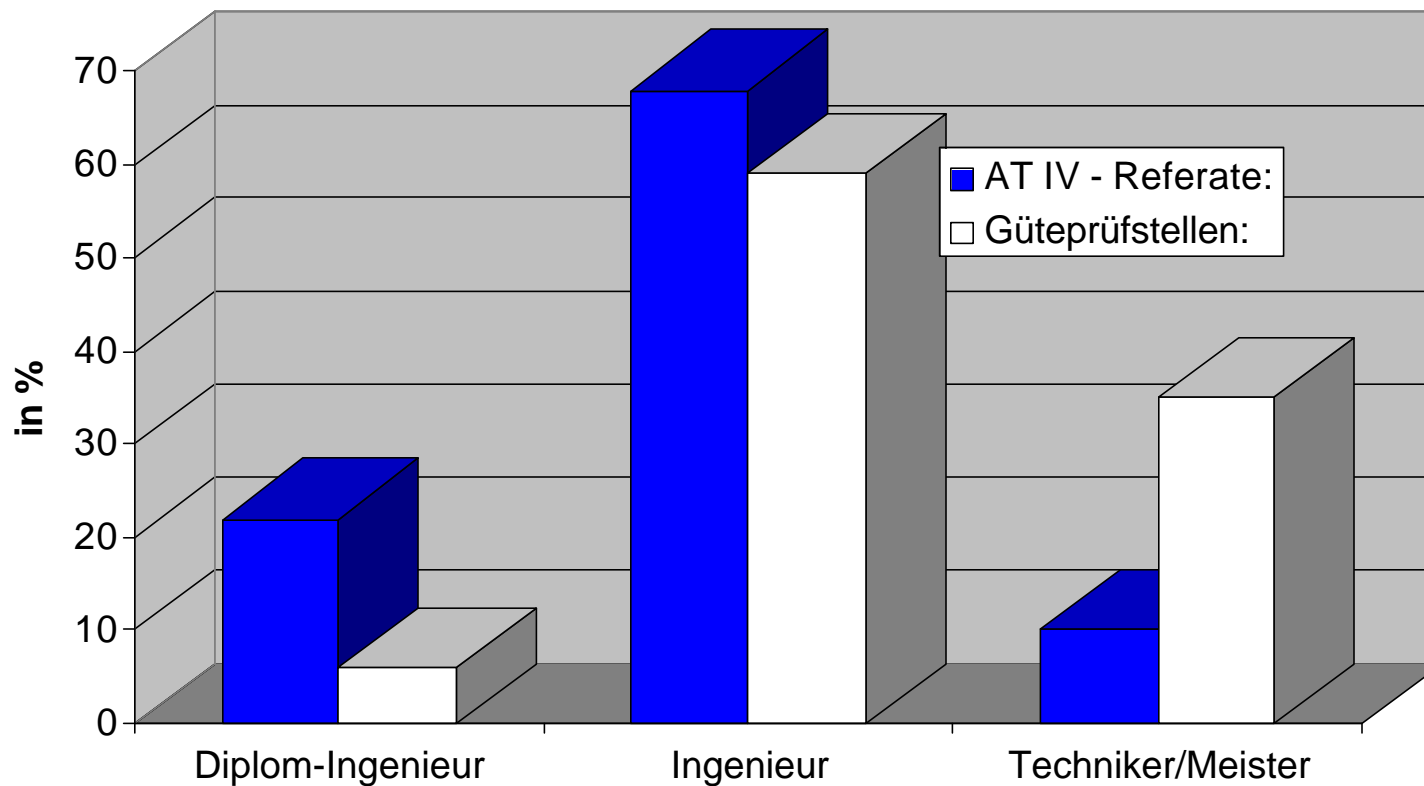
Posts: 658

Technical Posts : 553 Office/Administration Posts : 105



# Qualification of GQA-Staff

Verteilung auf die einzelnen Laufbahngruppen





# **Principles of GQA/RGQA (among others)**

- **GE GQA Organisation structured to cover all aspects of GQA and Contractor's QM:**
  - for BWB contracts (pre and post contract award) at Central BWB Office (setting forth sufficient GQA and QM requirements)
  - and with the contractors at local GQA offices
- **Employment of highly educated, qualified and experienced GQA staff**
- **Comprehensive set of directives and guidelines**
- **Range and Depth of GQA depends on:**
  - Experience with the Contractor's QM-System
  - Risks
  - kind of product/quality characteristics/contract

# **New GE Aquisition Approach**

- Streamlining the Defence Aquisition Cycle
- Economics determins the new procedures:
  - Concentration on necessary requirements
  - Minimizing of realization risks
  - Streamlining of decisions and procedures
  - Reduction in administration
  - more direct responsiblity for industry
  - Priority for available products
  - Reduction in military standards and regulation (only exceptionally possible)

# Defence Material Acquisition Cycle -Phases-

<i>Today</i>	<i>Overall Responsibility</i>	<i>Future (trials)</i>
Pre-phase	Armed Service	Analysis-phase
Definition-phase	BWB	Project-phase
Development-phase	BWB	Introduction/ Procurement-phase
Procurement-phase	BWB	
In-service phase	Armed Service	In-service phase

# Federal Armed Forces Reform Initiatives (1)

- Framework agreement „Innovation, Investment and Economics within the Bundeswehr“ with the aim of a strategic partnership with industry and business in December 1999
  - between Federal Chancellor/MoD and Industry/Business
  - Measurements (by reform of procedures):
    - to shorten the duration for development and procurement
    - to procure COTS products according to market rules
    - to orient towards civil market payment/financial modalities
  - 14 trial projects with Industry/Business
    - e.g. a project concerning aircraft maintenance with the aims „applying civil procedures“, „reducing turn around times“ and „cost saving“

# Federal Armed Forces Reform Initiatives (2)

- Foundation of a privat sector agency „Company for Development, Procurement and In-Service“ in Bonn (May 2000)
  - the agency shall advise the MoD concerning the economic solutions
- Submission and Publication of the Report of the Commission to the Federal Government (23 May 2000)
  - the Report recommends a catalogue of measures to the Federal Government in regard to the future Bundeswehr
    - e.g. the focus should be on core military tasks, while services in the fields of operation and maintenance, development, acquisition, logistics and training should be privatised

# Federal Armed Forces Reform Initiatives (3)

- Expected Reduction of Staff (according to a published MoD paper)
  - military Staff from about 330.000 to about 255.000
  - civilian Staff from about 135.000 to 80.000-90.000 in the mid and long-term
  - this approach would contribute to the aimed increase of the part of investment for the Federal Armed Forces (Modernization of Forces)

# Contractor Assessment (1)

- Development of a conception for a Contractor assessment by GQAR
  - The Purpose is to establish a **systematic, objective and continual Contractor Assessment** by GQAR
  - **Advantages/Reasons** for the Purchaser
    - more transparent/objective risk analysis
    - creation of a „past performance database“ or „contractor performance history“
    - more efficient planning of GQA activities
    - better evaluation of incoming STANAG 4107 RGQA
    - better assessment of the quality capability of bidders
    - more efficient answering to foreign requests about the quality capability of bidders/contractors

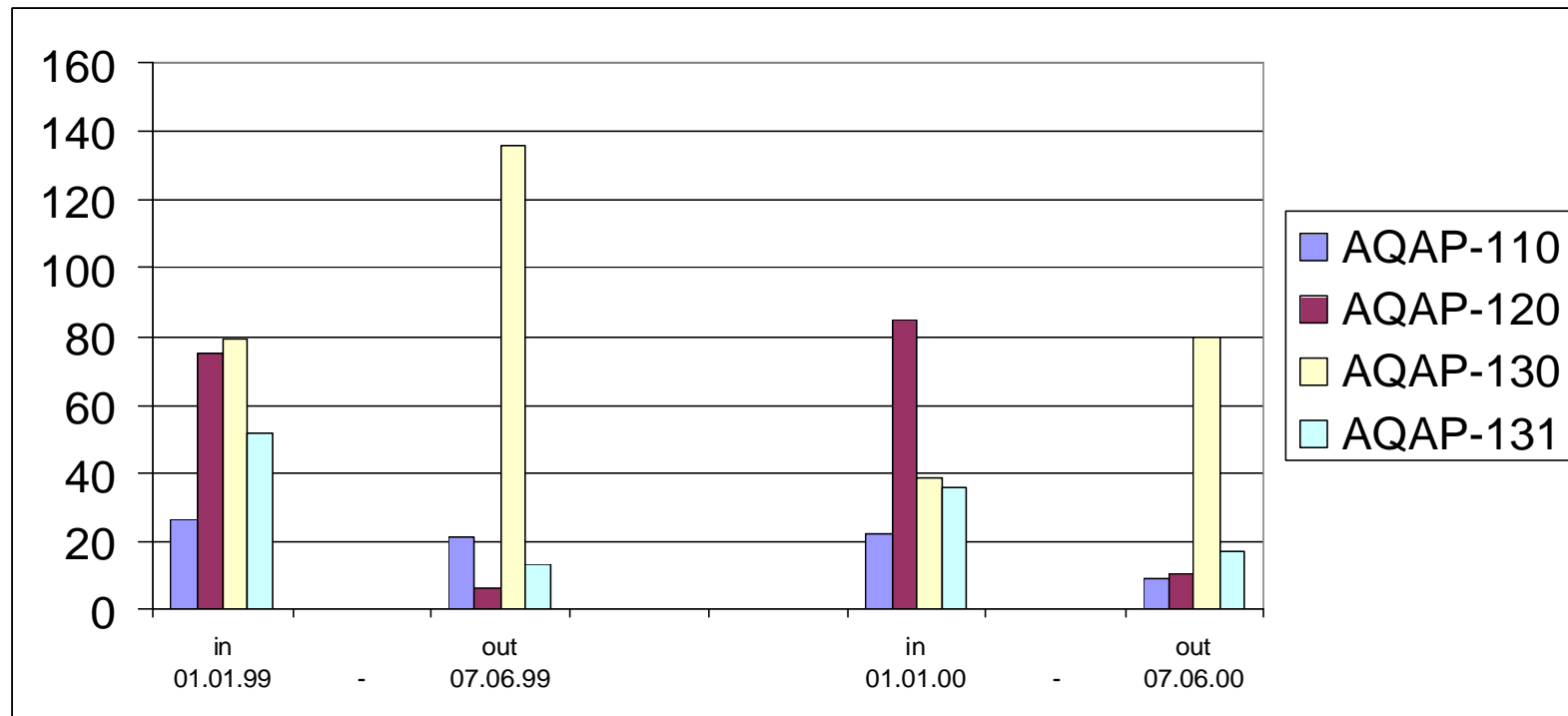
# Contractor Assessment (2)

- **Advantages/Reasons** for the Purchaser
  - Motivation for the Contractor in regard to quality (capability) improvement
  - Strengthening of the contractor's quality conception/quality management representatives
  - assistance in evaluation of:
    - GQAR staff deployment
    - efficiency and value-adding of GQAR activities
  - more efficient detection and implementation of preventive action and early detection of problems
  - fast creation of different types of statistics (database)
  - Contractor assessment is a requirement for an internal ISO 9001 QM-system which is to be met



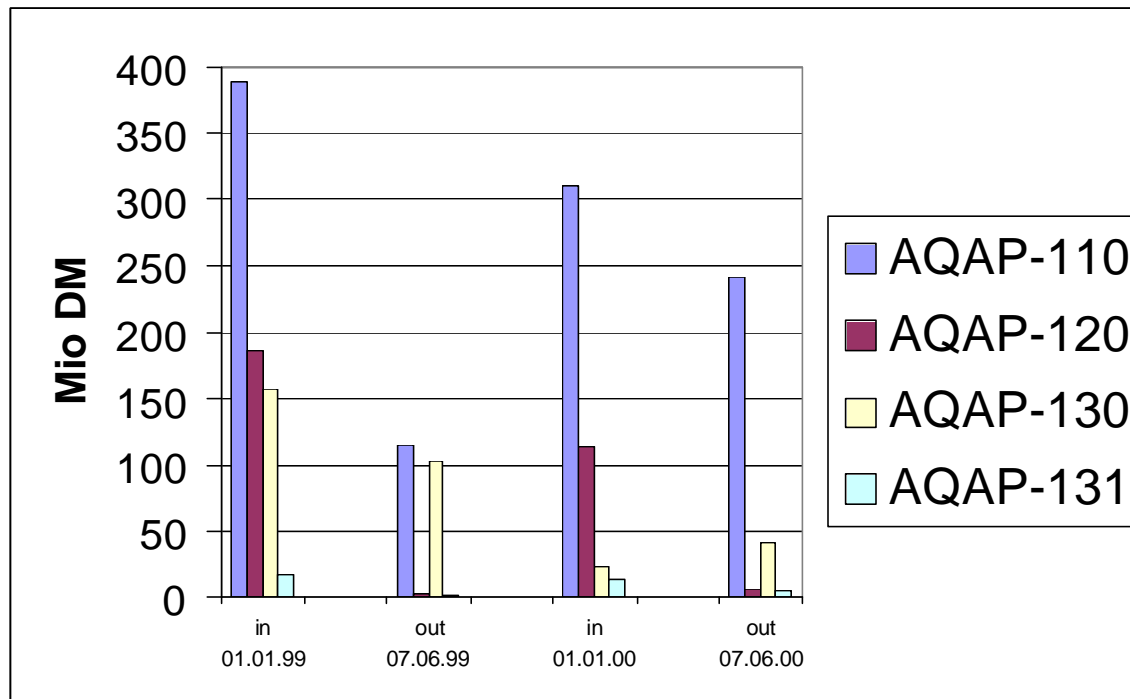
# **Number of in- and outcoming STANAG 4107 RGQA in Germany** **Jan - June 1999; Jan - June 2000**

		AQAP-110	AQAP-120	AQAP-130	AQAP-131
01.01.99	in	26	75	79	52
-					
07.06.99	out	21	6	136	13
01.01.00	in	22	85	39	36
-					
07.06.00	out	9	10	80	17



# **Value of in- and outcoming STANAG 4107 RGQA in Germany Jan - June 1999; Jan - June 2000)**

		AQAP-110	AQAP-120	AQAP-130	AQAP-131
01.01.99	in	390	185	157	16
-					
07.06.99	out	115	2,5	102	1,5
01.01.00	in	311	113	22	14
-					
07.06.00	out	241	6,5	41	5

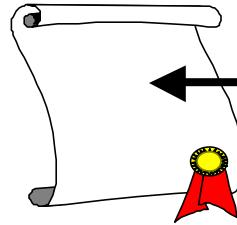


## Number and Value of in- and outcoming STANAG 4107 RGQA in Germany (Jan - June 1999; Jan - June 2000)

		AQAP-110	AQAP-120	AQAP-130	AQAP-131
	in	26 ( 390 Mio )	75 ( 185 Mio )	79 ( 157 Mio )	52 ( 16 Mio )
01.01.1999 - 07.06.1999	out	21 ( 115 Mio )	6 ( 2,5 Mio )	136 ( 102 Mio )	13 ( 1,5 Mio )
	in	22 ( 311 Mio )	85 ( 113 Mio )	39 ( 22 Mio )	36 ( 14 Mio )
01.01.2000 - 07.06.2000	out	9 ( 241 Mio )	10 ( 6,5 Mio )	80 ( 41 Mio )	17 ( 5 Mio )

**Analysis of incoming / outgoing Requests with regard to the inclusion of Risk analysis/identification;  
period: Jan. to June 2000**

	<b>FRG</b>	<b>UK</b>	<b>USA</b>	<b>France</b>	<b>NL</b>
<b>With Risk-Evaluation</b>	<b>99</b>	<b>3</b>	<b>5</b>	<b>14</b>	<b>4</b>
<b>Without R.-E.</b>	<b>18</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>45</b>
	<b>Italy</b>	<b>Greece</b>	<b>Belgium</b>	<b>Canada</b>	<b>Danmark</b>
<b>With Risk-Evaluation</b>	<b>1</b>		<b>2</b>		
<b>Without R.-E.</b>	<b>26</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>4</b>



## ISO 9001 Certificate

WIS in Munster - Defence Research  
Center - ISO 9001 certified - succeeded  
the certification audit in Dec 1999

Other Defence Technical Centers  
Certification in 2000/2001

BWB is planning to establish a  
QM-System

*Thank you very much for your  
interest and attention*

